

CLAIMS

We claim:

- 1.) A system for gathering and managing patient medical data, comprising:
a handheld computing device, said handheld computing device
having loaded in memory a first computer module for gathering
patient medical information, and said first computer module having a
plurality of data entry screens; and

a microprocessor, said microprocessor having loaded in memory a
second computer module, said second computer module having
means for creating customized data entry screens for use by said first
module.
- 2.) The system according to claim 1, wherein said first computer module has
means for creating a natural language report and a searchable database
from said medical information.
- 3.) The system according to claim 2, wherein at least one of said data entry
screens has a matrix, wherein said matrix allows a user to correlate a
body part with a set of modifiers.
- 4.) The system according to claim 3, wherein said second module
additionally comprises a plurality of templates for creating said
customized medical data entry screens.
- 5.) The system according to claim 4, wherein said second module additionally
comprises means for editing all aspects of said data entry screens.
- 6.) The system according to claim 5, wherein said first module additionally
comprises means to delete at least one of said data entry screens.
- 7.) The system according to claim 6, wherein at least of one said data entry
screens has a list box, and wherein said second module has means for
adding, deleting, and reordering items in said list box.
- 8.) The system according to claim 7, wherein said second module has means
for controlling navigation between said data entry screens.
- 9.) The system according to claim 8, wherein said second module has means
for controlling the syntax and structure of said natural language report.
- 10.) The system according to claim 9, wherein said second module has means
for creating a customized medical data entry screen with the ability to
gather specified regulatory data.
- 11.) The system according to claim 10, wherein said system is used for

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emergency medical services.

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- 12.) The system according to claim 11, wherein said system additionally comprises a conduit for remote transmission of data.
- 13.) The system according to claim 12, additionally comprising a portable printer for printing out said natural language report.
- 14.) The system according to claim 13, wherein said second module has means for flagging certain data items as relevant for specific purposes
- 15.) The system according to claim 14, wherein said searchable database has a plurality of items, and wherein each such item has a unique identifier.
- 16.) A software application for gathering and managing patient medical data, comprising:
 - a first computer module for gathering patient medical information on a handheld computing device, said first computer module having a plurality of data entry screens; and
 - a second computer module for creating customized medical data entry screens for use by said first module.
- 17.) The software application according to claim 16, wherein said first computer module has means for creating a natural language report and a searchable database from said medical information.
- 18.) The software application according to claim 17, wherein at least one of said data entry screens has a matrix, wherein said matrix allows a user to correlate a body part with a set of modifiers.
- 19.) The software application according to claim 18, wherein said second module additionally comprises a plurality of templates for creating said customized medical data entry screens.
- 20.) The software application according to claim 19, wherein said second module additionally comprises means for editing all aspects of said data entry screens.
- 21.) The software application according to claim 20, wherein said first module additionally comprises means to delete at least one of said data entry screens.
- 22.) The software application according to claim 21, wherein at least of one said data entry screens has a list box, and wherein said second module has means for adding, deleting, and reordering items in said list box.
- 23.) The software application according to claim 22, wherein said second

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module has means for controlling navigation between said data entry screens.

24.) The software application according to claim 23, wherein said second module has means for controlling the syntax and structure of said natural language report.

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25.) The software application according to claim 24, wherein said searchable database has a plurality of items, and wherein each such item has a unique identifier.

26.) A method for gathering patient medical data, said method comprising the steps of:

gathering patient medical information using a first computer module on a handheld computing device, said first computer module having a plurality of data entry screens; and

creating customized medical data entry screens for use by said first module using a second computer module.

27.) The method according to claim 26, additionally comprising the step of creating a natural language report and a searchable database from said medical information using said first computer module.

28.) The method according to claim 27, additionally comprising the step of using a matrix to correlate a body part with a set of modifiers.

29.) The method according to claim 28, additionally comprising the step of using a template within said second computer module in creating customized medical data entry screens.

30.) The method according to claim 29, additionally comprising the step of editing one of said data entry screens using said second module.

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31.) The method according to claim 30, additionally comprising the step of deleting one of said data entry screens using said second module.

32.) The method according to claim 30, wherein at least of one said data entry screens has a list box, additionally comprising the step of editing items in said list box using said second module.

33.) The method according to claim 32, additionally comprising the step of controlling navigation between said data entry screens using said second module.

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34.) The method according to claim 33, additionally comprising the step of

controlling the syntax and structure of said natural language report using said second module.

- 35.) A system for gathering and managing patient medical data, comprising:
a handheld computing device, said handheld computing device
having loaded in memory a computer module for gathering patient
medical information, said module having
a medical data entry screen, said screen allowing a user to input
patient medical information; and
means for creating a natural language report and a searchable
database from said medical information.
- 36.) A system for gathering and managing patient medical data, comprising:
a handheld computing device, said handheld computing device
having loaded in memory a computer module for gathering patient
medical information, said module having
a medical data entry screen, said screen allowing a user to input
patient medical information; and
a matrix within said data entry screen, said matrix allowing a
user to correlate a body part with a set of modifiers.
- 37.) A software application for gathering and managing patient medical data,
comprising:
a medical data entry screen, said screen allowing a user to input
patient medical information; and
means for creating a natural language report and a searchable
database from said medical information.
- 38.) A software application for gathering and managing patient medical data,
comprising:
a medical data entry screen, said screen allowing a user to input
patient medical information; and
a matrix within said data entry screen, said matrix allowing a
user to correlate a body part with a set of modifiers.
- 39.) A method for gathering patient medical data, said method comprising the
steps of:
inputting patient medical information information onto a handheld
computing device displaying a medical data entry screen;
using said computer to create a natural language report and a
searchable database from said medical information.
- 40.) A method for gathering patient medical data, said method comprising the
steps of:
inputting patient medical information information onto a handheld

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computing device displaying a medical data entry screen;
using a matrix within said data entry screen to correlate a body part
with a set of modifiers.

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